

# **NEW JERSEY** *N*EEKLY CROP WEATHER

## New Jersey Agricultural Statistics Service

In Cooperation With:

U.S. Department of Agriculture National Agricultural Statistics Service Agricultural Marketing Service U.S. Department of Commerce/N.O.A.A. **Rutgers University** 

### **NOAA WEATHER RADIO STATIONS**

Allentown

WXL-39 on the VHF-FM frequency of 162.40 Megahertz.

**Atlantic City** 

KHB-38 on the VHF-FM frequency of 162.40 Megahertz.

New York City KWO-35 on the VHF-FM frequency of 160.55 Megahertz.

Philadelphia

KIH-28 on the VHF-FM frequency of 162.475 Megahertz.

## **NEW JERSEY AUCTIONS**

Vineland

Phone: (856)691-0721

Sales 10:00AM Daily except Sunday.

Landisville

Phone: (856)697-2273 Direct Sales Daily Swedesboro

Phone: (856)476-0313

Hightstown

Phone: (609)448-0193

Auction Sales Mon-Wed-Fri-7pm

Volume 67 No. 9 Date: June 6, 2005

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutaers University New Brunswick NJ 8 am EDT Monday, June 6, 2005

Rainfall amounts, quarter to half an inch with locally higher amounts this afternoon and evening, quarter of an inch in the south on Tuesday afternoon.

Winds for spraying, south 5 to 10 mph today but strong and gusty in the areas of thunderstorms, south 5 to 10 mph tonight, west 10 to 15 mph Tuesday.

Relative humidity in percent, 45 to 55 today, near 100 tonight, 40 to 50 Tuesday.

Dew points, 65 to 70 today and tonight, 60 to 65 Tuesday.

Drying conditions, fair to good today but with areas becoming poor in thundershowers this afternoon, good Tuesday.

Frost freeze or dew, little dew tonight but wetting in showers is possible, light dew Tuesday night.

Percent of possible sunshine, 50 today, 60 Tuesday.

There is a 50 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

Temperatures in the representative cranberry bogs will remain above freezing tonight and Tuesday night.

Hay cutting will see a moderate risk of wetting in thundershowers today and in the extreme south on Tuesday, but drier air should move into most of the region Tuesday and give a favorable haying period through Thursday.

Four inch soil temperatures are in the mid 60s north and upper 60s central and south. Soil temperatures will continue to increase over the next few days.

Growing degree day totals base 50 since March first are running a little ahead of normal in the north but behind normal central and south.

Estimated soil moisture in percent of field capacity is generally above 60 percent in most locations and therefore only spotty irrigation is needed.

The latest 8 to 14 day outlook for the period June 13, 2005, through June 19, 2005, is calling for temperatures to average above normal and precipitation to total

## Climate summary for the week ending 8 am June 6, 2005

Temperatures averaged near normal north and below normal central and south, averaging 66 degrees north, 65 degrees central, and 64 degrees south. Extremes were 91 degrees at Canoe Brook on June 6, 2005, and 43 degrees at Freehold on May 31, 2005.

Weekly rainfall averaged 0.48 inches north, 1.07 inches central, and 0.89 inches south. The heaviest 24 hour total reported was 1.23 inches at Toms River on June 3, 2005, to June 4, 2005.

Estimated soil moisture, in percent of field capacity, this past week averaged 78 percent north, 86 percent central, and 62 percent south.

Four inch soil temperatures averaged 59 degrees north, 63 degrees central, and 63 degrees south.

Weather Summary for the Week Ending 8 am Monday, June 6, 2005

Weather Stations	Rainfall			Temperatures				Growing Degree Days		Soil
	Last	Since March 1		Last Week				1/		Moisture
	Week	Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	2/
- Inches -				- Degrees -				- Base		
				NO	RTH					
Belvidere Bridge	.51	10.05	-2.10	88	47	67	2	357	-75	75
Canoe Brook	.41	10.52	-2.82	91	48	67	2	500	105	76
Charlotteburg	.36	13.32	.09	88	47	64	1	378	95	70
Flemington	.75	13.11	.46	87	46	65	-1	437	22	79
Newton	.38	11.34	47	88	46	65	1	402	70	74
				CEN	TRAL					
Freehold	.87	14.38	1.81	87	43	64	-3	470	-15	92
Long Branch				DATA NOT AVAILABLE						
New Brunswick	.98	12.06	30	88	50	66	-2	475	-45	94
Toms River	1.34	13.56	1.04	88	49	63	-1	383	-61	90
Trenton	1.10	10.64	75	87	52	66	-2	479	-88	87
				so	UTH					
Cape May C.H.	1.13	12.15	1.11	81	47	60	-7	305	-201	71
Downstown	.65	11.33	.03	86	47	64	-4	422	-159	62
Glassboro	1.05	12.58	.49	87	52	66	-2	545	-16	78
Hammonton	.81	11.59	18	88	48	65	-3	459	-94	64
Pomona	1.00	12.16	1.30	88	49	64	-3	372	-109	83
Seabrook	.73	12.09	1.58	86	53	67	-1	584	-2	64
South Harrison	.93	12.59	.65	87	53	65	NA	515	NA	NA

\*Departure from normal.

1/ Growing degree days since March 1, 2005, total and departure from normal or long term average.

2/ Estimated soil moisture as % of field capacity based on climate data.

## **Field Crop Planting Activities Continue**

Days suitable for field work, for the week ending Sunday, June 5, 2005, were 5.7. Topsoil moisture was rated 60% short and 40% adequate. Irrigation water supply was rated 100% adequate. There were measurable amounts of rainfall during the week across most of the state. Temperatures were variable for the week. There was a report of wind and cold damage on crops in some central localities. Agricultural producers continued field preparation for summer crops. Other activities included field crop planting, fertilizing, herbicide and pesticide spraying, irrigating, tending greenhouses, and transplanting greenhouse crops. Planting of soybeans and field corn continued throughout the state. There was a report of leaf beetle in some wheat fields in the central district. The first cutting of hay continued. Alfalfa weevils were reported in the central and southern districts. Planting of sweet potatoes began in the south. Summer vegetable transplanting continued. Some early planted sweet corn began to tassel in the south. There was harvest of leek, chive, arugula, basil, green onions, mustard, parsley, dandelion, radishes, cilantro, beets, collards, dill, kale, Boston lettuce, green and red leaf lettuce, Romaine lettuce, endive, escarole, Swiss chard, baby spinach, carrots, peas, turnips, asparagus, zucchini, and mint. Field crops rated in fair to good condition across the state. Strawberry harvest continued. Pasture condition was rated fair to good.

## **JERSEY FRESH AVAILABILITY FOR JUNE 6, 2005**

**Arugula & Baby Arugula** - Being harvested in good volume and quality.

Asparagus - Good quality being harvested in good volume.

**Basil** - Just starting to harvest good quality product this week.

Beets - Harvesting in good quantity and quality.

**Cabbage** - Harvest just beginning with light quantities of good quality product.

Cilantro & Dill - Spring planted available in good quantity and good quality.

Collards - Harvesting a fair quantity of good quality product.

**Dandelions** - Spring planted available in good quantity and quality.

**Escarole/Endive** - Harvesting a fair quantity of good quality product.

**Green Onions & Leeks** - A bit of over-wintered product is still available. Transplanted product should be available by mid to third week of June. Spring planted varieties due in July.

**Lettuces** - Harvesting Red and Green Leaf, Boston, and Romaine in good quantities and quality.

**Parsley** - Spring planted just starting in light quantity and good quality.

Radishes - Being harvested in good volume and quality.

Spinach & Baby Spinach - Both available in good quantity and quality.

Strawberries - Harvesting in good quantity and quality. The majority of the rest of the commercial Chandler crop will be harvested this week with decreasing volumes to continue through the next several weeks. Matted row varieties are coming into volume in Central Jersey and should be starting this week in Northern areas. Our berries are picked when ripe and have more red interior color than white since they're physically more mature and ripe, with a large berry size and excellent taste. The Chandler variety is also grown in raised beds and under black plastic.

**Squash** - Just beginning to harvest minor quantities of Yellow and Zucchini grown in tunnels. Field grown by next week in light quantities with good quality.

Turnips - Harvesting light quantities of good quality product.

## **JERSEY FRESH FORECAST**

**Blueberries** - Minor quantities of early varieties like Weymouth starting around June 18<sup>th</sup>. Much more widely planted Duke variety starting 3-4 days later with volume available a week after that.

**Cucumbers** - Should begin harvesting minor quantities of tunnel grown product by next week. Field grown will become available in two weeks. Pickles (Kirby cucumbers) available next week.